



2/23 #

PATENT

Atty. Docket No. 2000P7676 US (8706-422)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Greiffenhagen et al. **EXAMINER:** Broda, Samuel
SERIAL NO.: 09/592,532 **GROUP ART UNIT:** 2123
FILED: June 12, 2000 **DATE:** August 31, 2004
FOR: STATISTICAL MODELING AND PERFORMANCE
CHARACTERIZATION OF A REAL-TIME DUAL CAMERA
SURVEILLANCE SYSTEM

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to Applicant(s) duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. Copies of the listed items are enclosed.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art.

CERTIFICATE OF MAILING UNDER 37 C.F.R. '1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 8/31/2004

Donald B. Paschburg
Donald B. Paschburg, Reg. No. 33,753

09/03/2004 MAHMED1 00000040 192179 09592532

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The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. ' 1.56(b).

- ☐ This information disclosure statement is being filed within three (3) months of the filing date of this application.
- ☐ This information disclosure statement is being filed within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. ' 1.491 in an international application.
- ☐ To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.
- ☐ Enclosed herewith is a certificate under 37 C.F.R. ' 1.97(e).
- ☐ Enclosed herewith is a petition under 37 C.F.R. ' 1.97(d)(ii).
- ☐ Enclosed by check is the petition fee of \$130.00. 37 C.F.R. ' 1.17(i)(1))
- ☐ Please charge the \$130.00 petition fee to Deposit Account No. 19-2179.

- ☐ Enclosed by check is the \$180.00 fee required by 37 C.F.R. ' 1.17(p).
- ☒ Please charge the \$180.00 fee required by 37 C.F.R. ' 1.17(p) to Deposit Account No. 19-2179.
- ☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. ' 1.16 and/or ' 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 19-2179. Also, in the event any extensions of time for responding and/or a petition under 37 C.F.R. ' 1.17(i)(i) are required for the pending application(s), please treat this paper as a petition to extend the time and/or enter this Information Disclosure Statement as required and charge Deposit Account No. 19-2179 therefor. A copy of this sheet is ENCLOSED.

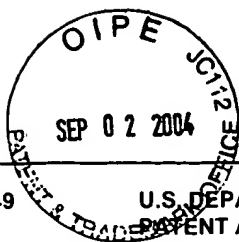
The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

Donald B. Paschburg

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Attorney for Applicant(s)

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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 00 P 7676 US (8728-422)	SERIAL NO. 09/592,532
	APPLICANT Greiffenhagen et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

			S. Nayar, <u>Omnidirectional Video Camera</u> , Proceedings of the DARPA Image Understanding Workshop, Vol. 1, pp. 235-242, 1997.
			V. Ramesh, et al., <u>Computer Vision Performance Characterization</u> , RADIUS: Image Understanding for Imagery Intelligence, edited by O. Firschein and T. Strat, Morgan Kaufmann Publishers, San Francisco, 1997.
			P. Allen et al., <u>Two Sensors are Better Than One: Example of Vision and Touch</u> , Proceedings of 3 rd International Symposium on Robotics Research, pp. 48-55, Gouvieux, France, 1986.
			K. Cho, et al., <u>Performance Assessment Through Bootstrap</u> , IEEE Trans. Pattern Anal. Machine Intell., 19, pp. 1185-1198, 1997.

EXAMINER	DATE CONSIDERED
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

(Form PTO-1449 [6-4])



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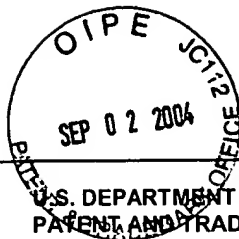
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

			R. Haralick, <u>Overview: Computer Vision Performance Characterization</u> , Proceedings of the DARPA Image Understand Workshop, Vol. 1, pp. 663-665, 1994.
			S. Nayar et al., <u>Omnidirectional Vision Systems: 1998 PI Report</u> , Proceedings of the DARPA Image Understanding Workshop, Vol. 1, pp. 93-100, 1998.
			Y. Amit, et al., <u>A Computational Model for Visual Selection</u> , Neural Computation, Vol. 11, pp. 1691-1715, 1999
			S. Wang et al., <u>Generic, Model-Based Estimation and Detection of Discontinuities in Image Surfaces</u> , Proceedings of the ARPA IU Workshop, 1994, Vol. 2, pp. 1443-1450.

EXAMINER	DATE CONSIDERED
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							YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

T. Kanada, et al., Advances in Cooperative Multi-Sensor Video Surveillance, Proceedings of the DARPA Image Understanding Workshop, Vol. 1, pp. 3-24, 1998.C. Stauffer, et al., Adaptive Background Mixture Models for Real-Time Tracking, IEEE, 1999.

Machine Vision and Applications, International Journal, Special Issue on Performance Evaluation, ed. by W. Forstner, Vol. 9, Nos. 5/6, 1997.

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